

l	Multi Tasking Non Technical Staff and Havaldar CBIC and CBN Examination 2024					
	Exam Date	e 11/11/2024				
	Exam Time	12:30 PM - 2:30 PM				
	Subject	MTS Non Tech Havaldar CBIC and CBN Examination 2024				
I	1	1				

Section	Section : Numerical and Mathematical Ability		
Q.1	Out of his monthly income, Mr. Sharma spends 24% on house rent and 70% on household expenses and saves the balance. If every month, he saves ≹1,200, then what is his monthly income?		
Ans	✓ 1. ₹20,000		
	Х 2. ₹32,000		
	Х 3. ₹27,000		
	★ 4. ₹25,000		
Q.2	Find the simple interest (in ₹) on ₹2500 as a sum borrowed at 5% per year rate of interest for 2 years.		
Ans	X 1. 210		
	× 2. 290		
	X 3. 190		
	✓ 4. 250		
Q.3	C.P. of 21 books is equal to S.P. of 20 books. What is the gain percentage?		
Ans	× 1. 4%		
	✓ 2. 5%		
	× 3. 6%		
	× 4. 10%		
Q.4	I walk at a speed of 10 km/h and reach my destination in 2 hrs. If I increase my speed by 2 km/h, how early would I reach my destination?		
Ans	🗙 1. 100 min		
	🗙 2. 50 min		
	🗙 3. 40 min		
	✓ 4. 20 min		
Q.5	In a class of 40 students the ratio of boys to girls is 3 : 5. If the average marks scored by the boys in Science is 70 and the average marks scored by the whole class in Science is 60, then find the average marks scored by the girls in Science.		
Ans	✓ 1. 54		
	X 2. 56		
	X 3. 52		
	X 4. 50		

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Q.6	The sum of the radii of spheres A and B is 14 cm, the radius of A being larger than that of B. The difference between their surface areas is 112 π cm ² . What is the ratio of the volumes of B to A?
Ans	✓ 1. 27 : 64
	X 2. 64 : 27
	🗙 3. 64 : 25
	X 4. 25 : 64
Q.7	Rahul and Rohit start running on a circular track (of length 360 m) from the same point simultaneously with a speed of 3 m/s and 4 m/s. After how much time from the start, they will meet again at the starting point?
Ans	X 1.2 minutes
	X 2. 12 minutes
	✓ 3. 6 minutes
	X 4. 3 minutes
Q.8	Manoj buys 1 kg tomato for ₹80 and sells it for ₹90. He also uses a weight of 800 gm in place of 1 kg. What is Manoj's actual profit percentage on the sale of 1 kg tomato?
Ans	✓ 1. 40.625%
	X 2. 12.5%
	X 3. 37.5%
	X 4. 25%
Q.9	The ratio of the radius of the base and the perpendicular height of a right circular
	cone is given as 3 : 4 and the curved surface area of the cone is given as 2310 cm^2 .
	Find the radius (in cm) of the base of the given cone. (Use $\pi = \frac{22}{7}$.)
Ans	✔ 1.21
	X 2.35
	X 3.28
	X 4. 24
Q.10	The average marks obtained by 75 students in a certain examination is 38. Find the total marks.
Ans	X 1. 4294
	X 2. 113
	X 3. 1406
	 ✓ 4. 2850
Q.11	In a stationary shop, a pen is marked as ₹80 and it is sold at a discount of 15%. The shopkeeper also offers a special discount of ₹8 on the pen. Find the cost price of the pen if the shopkeeper earns a profit of 20%.
Ans	Х 1.₹62
	X 2. ₹60
	Х 3. ₹75
	✓ 4. ₹50
Q.12	Find the simple interest (in ₹) on ₹3500 as a sum borrowed at 3% per year rate of interest for 3 years.
Ans	X 1.255
	 ✓ 2. 315
	X 3. 275
	X 4. 355

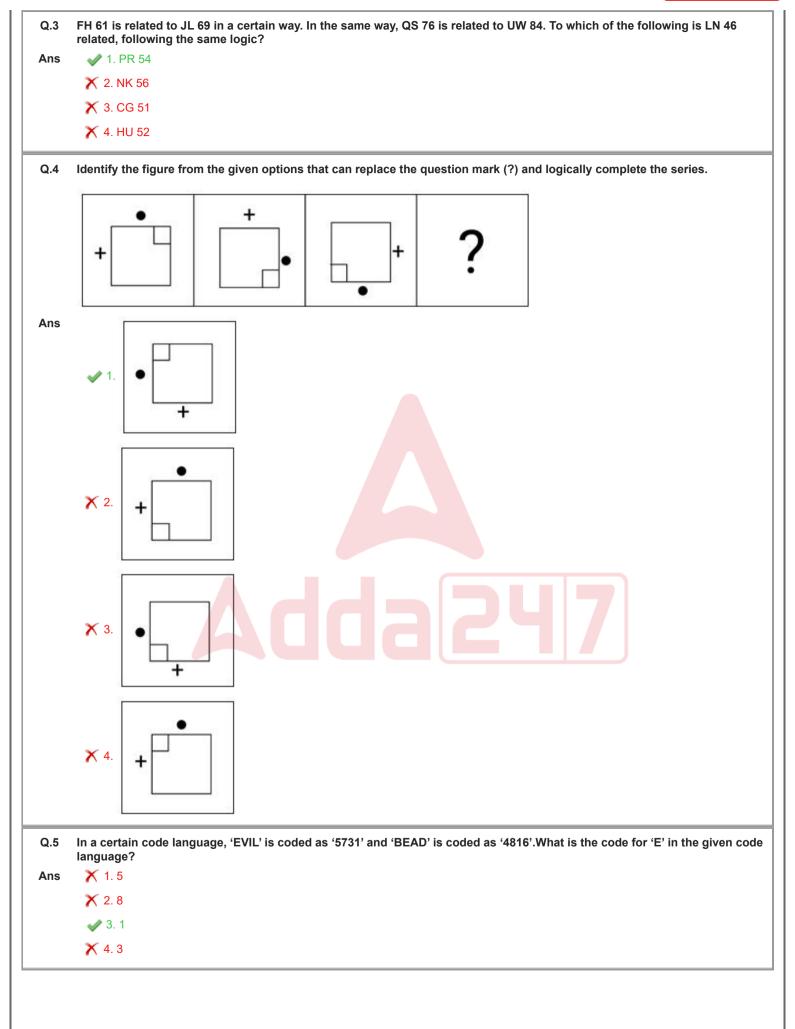


	Measured on	Height of the child	
	Birthday	(in cm)	
	5	130	
	6	145	
	7	162	
	8	170	
	What was the increase in the he	ight (in cm) of the child from the	7th birthday to the 8th birthday?
ns	X 1.5	3 (, , , , , , , , , , , , , , , , , ,	· · · · · · · · · · · · · · · · · · ·
	V 2. 8		
	X 3. 6		
	X 4.7		
.14	In an examination, the average was 68. Find the average marks		as 96, by 12 other students was 84 and by 13 other stude
ns	✓ 1. 83.3		
	X 2. 87.6		
	X 3. 68.5		
	X 4. 78.6		
.15	If the height of a triangle is 45 c	m and base is 70 cm, then the ar	ea of the triangle is:
ns	× 1. 3150 cm ²		
	× 2. 4000 cm ²		
	× 3. 3200 cm ²		
	✓ 4. 1575 cm ²		
.16		n the ratio 5 : 3 : 7. What is the ra	tio of the time taken by them to travel the same distance?
ns	× 1. $\frac{1}{4}$: $\frac{1}{2}$: $\frac{1}{7}$		
	4 2 7		
	\times 2. $\frac{1}{8}:\frac{1}{5}:\frac{1}{9}$		
	\checkmark 3. $\frac{1}{5}$: $\frac{1}{3}$: $\frac{1}{7}$		
	\times 4. $\frac{1}{6}$: $\frac{1}{5}$: $\frac{1}{3}$		
.17		years at simple interest at a 50 in 5 years at the same ra	certain rate percentage. Find the principal amou
ns	★ 1. 24,000		
	X 2. 18,300		
	3 . 20,000		
	X 4. 12,500		



Q.18	The HCF of 204 and 1547 is:
Ans	✓ 1. 17
	X 2. 15
	X 3. 18
	X 4. 19
Q.19	The demand and production for five businesses, V, W, X, Y, and Z, are shown in the accompanying chart, which illustrates them using a basic bar graph to provide an answer.
	Demand Production
	If the demand of company Z is k times than that of company W, then find the value of k.
Ans	X 1.5
	✓ 2.7
	× 3.8
	X 4.6
Q.20	The average weight of a family of five members (in kg) whose weights are 40 kg, 49 kg, 56 kg, 69 kg and 36 kg is:
Ans	 ✓ 1. 50 ★ 2. 49
	X 3. 52
	X 4.51
Section	: Reasoning Ability and Problem Solving
Q.1	What will come in place of the question mark (?) in the following equation if '+' and '–' are interchanged and '×' and '÷' are interchanged? 111 – 1 + 36 ÷ 2 × 12 = ?
Ans	🗙 1. 144
	X 2. 160
	X 3. 120
	✓ 4. 106
Q.2	Adesh, Rinki, Narendra, Priya, Kiara, Sahil, and Lakshmi are sitting around a circular table, facing the centre (but not necessarily in the same order). Kiara sits third to the left of Sahil. Rinki sits to the immediate right of Priya, who sits with Sahil. Adesh sits second to the right of Lakshmi. Who is sitting to the immediate left of Adesh?
Ans	X 1. Narendra
	🗙 2. Rinki
	S. Kiara
	X 4. Sahil

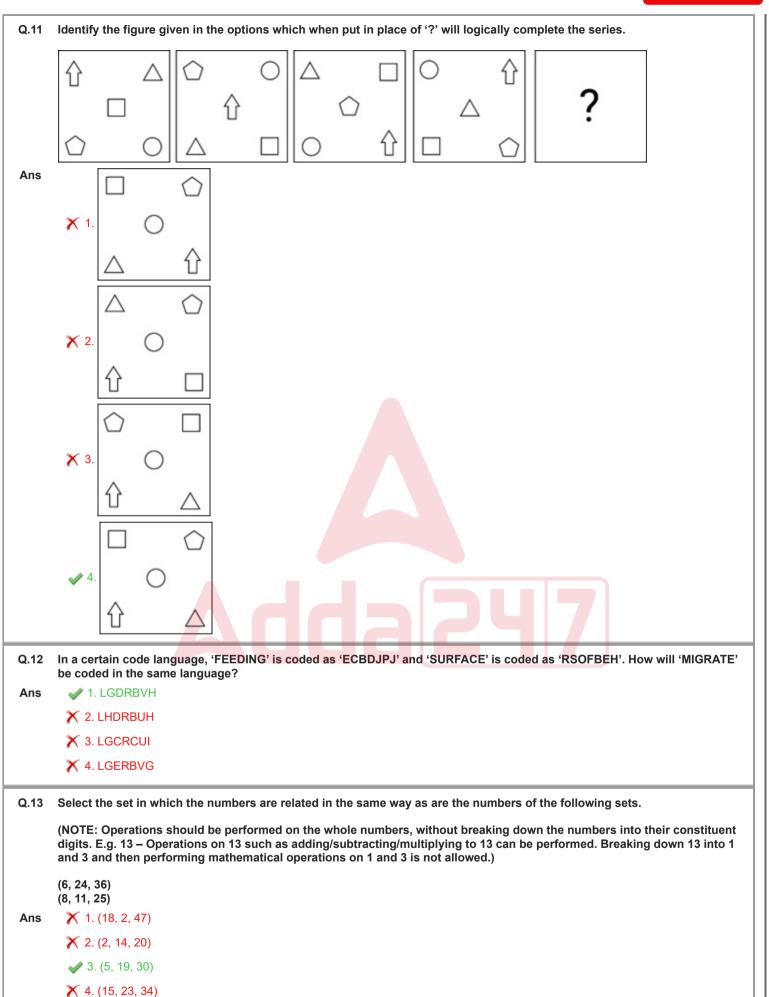






Q.6	Select the correct mirror image of the given figure when the mirror is placed at MN as shown below.
	M
	h 5 C Z p ?
Ans	N .
Alla	<mark>х ч ; dC Z </mark>
	h 5 Z 3p ? ×
	-
	h 5 C Z p ? . 🐦
	-
	h 2 C Z p ? •×
Q.7	This question has two statements followed by two conclusions numbered I and II. You have to take the given statements to
	be true even if they seem to be at variance from commonly known facts. You have to decide which of the given conclusions logically follow(s) from the given statements.
	Statements: All apricots are buns.
	All buns are sweet. Conclusions
	(I) Some apricots are sweet.
Ans	(II) Some buns are apricots. X 1. Neither conclusion (I) nor (II) follows
Alls	 X 2. Only conclusion (II) follows
	X 3. Only conclusion (I) follows
	 ✓ 4. Both conclusions (I) and (II) follow
Q.8	What will come in the place of the question mark (?) in the following equation, if '+' and '-' are interchanged and '×' and '÷' are interchanged?
	15 ÷ 15 – 30 + 225 × 25 = ?
Ans	× 1.426
	✓ 2. 246
	✗ 3. 236
	X 4. 146
Q.9	Seven friends - M, N, O, P, Q, R, and S - are sitting around a circular table, facing the centre (but not necessarily in the same
Q.0	order). O is sitting third to the right of S. N is sitting second to the right of O. Q is an immediate neighbour of both M and S. P is an immediate neighbour of both O and N.
	Who is sitting to the immediate right of R?
Ans	X 1.0
	X 2. N
	🗙 3. M
	✓ 4. S
Q.10	In a certain code language, 'GOAT' is coded as '2684' and 'OPEN' is coded as '3598'.What is the code for 'O' in the given code language?
Ans	X 1.5
	2.3
	X 3.6
	✓ 4.8







Q.14	What should come in place of the question mark (?) in the given series based on the English alphabetical order ?
Q. 14	
4.00	CEH, FHK, IKN, LNQ, ? X 1. NPS
Ans	
	✓ 2. OQT
	X 3. MOP
	X 4. PRU
Q.15	Read the given statement(s) and conclusions carefully. Assuming that the information given in the statements is true,
	even if it appears to be at variance with commonly known facts, decide which of the given conclusions logically
	follow(s) from the statement(s).
	Statements: Some greens are red. All reds are yellow.
	Conclusions:
	(I) All yellows are greens.
	(II) All reds are green.
Ans	1. Neither conclusion (I) nor (II) follows.
	X 2. Both conclusion (I) and (II) follow.
	X 3. Only conclusion (I) follows.
	X 4. Only conclusion (II) follows.
Q.16	KRAV is related to GNWR in a certain way based on th <mark>e English a</mark> lphabetical order. In the same way, UBKF is related to QXGB. To which of the following is IPYT related, follo <mark>wing</mark> the <mark>sam</mark> e logic?
Ans	X 1. PELU
	X 2. LUPE
	✓ 3. ELUP
	X 4. ELPU
Q.17	12 is related to 139 following a certain logic. Following the same logic, 17 is related to 284. To which of the following is 18 related, following the same logic?(NOTE: Operations should be performed on the whole numbers, without breaking down the numbersinto its constituent digits. E.g. 13 – Operations on 13 such as adding /subtracting /multiplying etc. to 13can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1and 3 is not allowed)
Ans	X 1. 324
	X 2. 309
	× 3.312
	✓ 4. 319
	•
Q.18	What should come in place of the question mark (?) in the following series?
A in a	12, 18, 36, 90, 252, ?
Ans	✓ 1. 738
	× 2.876
	× 3.800
	X 4. 789
Q.19	In a certain code language, 'MINT' is coded as '5289' and 'TIME' is coded as '9758'. What is the code for 'N' in the given
	code language?
Ans	X 1. 8
	X 2. 9
	-
	 ✓ 3. 2 ✓ 1. 7
	X 4. 7



Q.20	Select the option figure in which the given figure is embedded as its part (rotation is NOT allowed).
Ans	
	X 1. □ - →
	✓ 2.
	× 3.
	X 4.
ection	: General Awareness
Q.1	In December 2023, who became the first women Chief of Central Industrial Security Force (CISF) in India?
Ans	X 1. Archana Ramasundaram
	🗙 2. Vimla Mehra
	3. Nina Singh
	🗙 4. Rashmi Shukla
Q.2	The autobiography, 'An Autobiography' by Jawaharlal Nehru is also known as
Ans	X 1. My Idea of Education
	X 2. The Accidental Prime Minister
	✓ 3. Toward Freedom
Q.3	✓ 3. Toward Freedom
Q.3 Ans	 3. Toward Freedom 4. The Unfinished Innings In which of the following states is the groundnut fair, 'Kadalekayi Parishe' celebrated on the last Monday of the Karthika
	 3. Toward Freedom 4. The Unfinished Innings In which of the following states is the groundnut fair, 'Kadalekayi Parishe' celebrated on the last Monday of the Karthika month of the Hindu calendar?
	 3. Toward Freedom 4. The Unfinished Innings In which of the following states is the groundnut fair, 'Kadalekayi Parishe' celebrated on the last Monday of the Karthika month of the Hindu calendar? 1. Kerala



Q.4	The earthquakes that are generated due to the explosion of chemical or nuclear devices are known as:
Ans	🗙 1. Collapse earthquakes
	✓ 2. Explosion earthquakes
	🗙 3. Tectonic earthquakes
	X 4. Reservoir-induced earthquakes
Q.5	Which of the following gases is generally used to flush bags of chips by the manufacturers?
Ans	X 1. Compressed air
	X 2. Oxygen
	🗙 3. Carbon dioxide
	✔ 4. Nitrogen
Q.6	In the year 1940, the national games were hosted by which of the following cities?
Ans	X 1. Lahore
	X 2. Lucknow
	🗙 3. Patiala
	✓ 4. Bombay
Q.7	Who among the following was the founder of 'Satnami movement' in the central India?
Ans	✓ 1. Ghasidas
	🗙 2. Narayan Guru
	🗙 3. Saint Haridas
	X 4. Jyoti Rao Phule
Q.8	What does a budget deficit indicate?
Ans	X 1. The government is saving for future projects
	X 2. The government is not allocating enough funds for public services
	X 3. Government revenue exceeds government spending
	✓ 4. Government spending exceeds government revenue
Q.9	In which of the following years was the state of Golconda finally annexed into the Mughal empire?
Ans	🗙 1. 1697
	✓ 2. 1687
	🗙 3. 1685
	X 4. 1690
Q.10	Palkigundu Minor Rock Edicts of Ashoka are located in
Ans	X 1. Telangana
	🗙 2. Tamil Nadu
	✓ 3. Karnataka
	X 4. Maharashtra
Q.11	The Great Granary was one of the largest granaries in the
Ans	X 1. Egyptian Civilization
	X 2. Mesopotamian Civilization
	3. Harappan Civilization
	X 4. Mayan Civilization



Q.12	Who among the following Indian dancers was honoured with the Padma Vibhushan in 1971, who was also known as the father of modern Indian dance?
Ans	🗙 1. Pandit Durga Lal
	🚀 2. Uday Shankar
	🗙 3. Kelucharan
	🗙 4. Pandit Birju Maharaj
Q.13	As on February 2024, Nitish Kumar is the 9 th time Chief Minister of which state?
Ans	🗙 1. Odisha
	🗙 2. Chattisgarh
	🛷 3. Bihar
	X 4. Jharkhand
Q.14	In the 1974 edition of the Guinness Book of Records, which playback singer was mentioned as the most recorded artist in human history?
Ans	🗙 1. Pulapaka Susheela
	✔ 2. Lata Mangeshkar
	X 3. KS Chithra
	🗙 4. Alka Yagnik
Q.15	What is the female literacy rate in India, as per the 2011 census?
Ans	★ 1. 66.44%
	★ 2. 64.66%
	✓ 3. 65.46%
	X 4. 65.64%
Q.16	Forward Bloc was founded in 1939-40 by which of the following leaders?
Ans	✔ 1. Subhash Chandra Bose
	X 2. Rash Behari Bose
	🗙 3. Jawahar Lal Nehru
	🗙 4. Chittaranjan Das
Q.17	Dandiya Raas is a famous dance form of which state?
Ans	🗙 1. Punjab
	🗙 2. Uttar Pradesh
	🗙 3. Chhattisgarh
	✓ 4. Gujarat
Q.18	Which of the following is/are the highest judiciary in India?
Ans	X 1. District Courts
	✓ 2. Supreme Court
	X 3. High Courts
	X 4. Parliament
Q.19	The Mayurbhanj District in Odisha is a part of which Biosphere Reserve from the following?
Ans	🗙 1. Dehang Debang
Alla	
Alls	✓ 2. Similipal
Alla	 2. Similipal 3. Pachmarhi 4. Nokrek



Q.20	As per Ministry of Road Transport and Highways, what is the total length of National Highways in India as of November 2022?
Ans	X 1. 1,85,633 kilometres
	X 2. 1,45,897 kilometres
	X 3. 1,86,908 kilometres
	 ✓ 4. 1,44,634 kilometres
Q.21	Which of the following neighbouring countries of India is most populous?
Ans	\mathbf{X} 1. Bangladesh
	🗙 2. Afghanistan
	X 3. Bhutan
	✔ 4. Pakistan
Q.22	Who among the following athletes was conferred with the Arjuna Award, 2021 by President Ram Nath Kovind?
Ans	X 1. Dutee Chand
	✓ 2. Arpinder Singh
	X 3. Tajinder Pal Singh Toor
	X 4. Swapna Barman
Q.23	Which of the following is the federal feature of the Indian Constitution?
Ans	X 2. Integrated Judiciary
	X 3. Single Citizenship
	X 4. All India Service
Q.24	When a sailor jumps out of a rowing boat, the boat moves backwards. This represents:
Ans	✓ 1. the First law of motion
	X 2. the Third law of motion
	X 3. rectilinear motion
	X 4. the Second law of motion
Q.25	When the body is deprived of energy from food, which of the following tissues is used to feed on its own?
Ans	🗙 1. Nervous tissue
	🗙 2. Collenchyma tissue
	🗙 3. Epithelial tissue
	✓ 4. Adipose tissue
ection	: English Language and Comprehension
Q.1	Select the most appropriate synonym of the underlined word in the given sentence.
saçı f	A lot of social work is <u>hindered</u> due to corrupt politicians.
Ans	✓ 1. Obstructed
	X 2. Collided
	X 3. Helped
	X 4. Abided

Q.2

Ans

Q.3

Ans

Q.4

Ans

Q.5

Ans

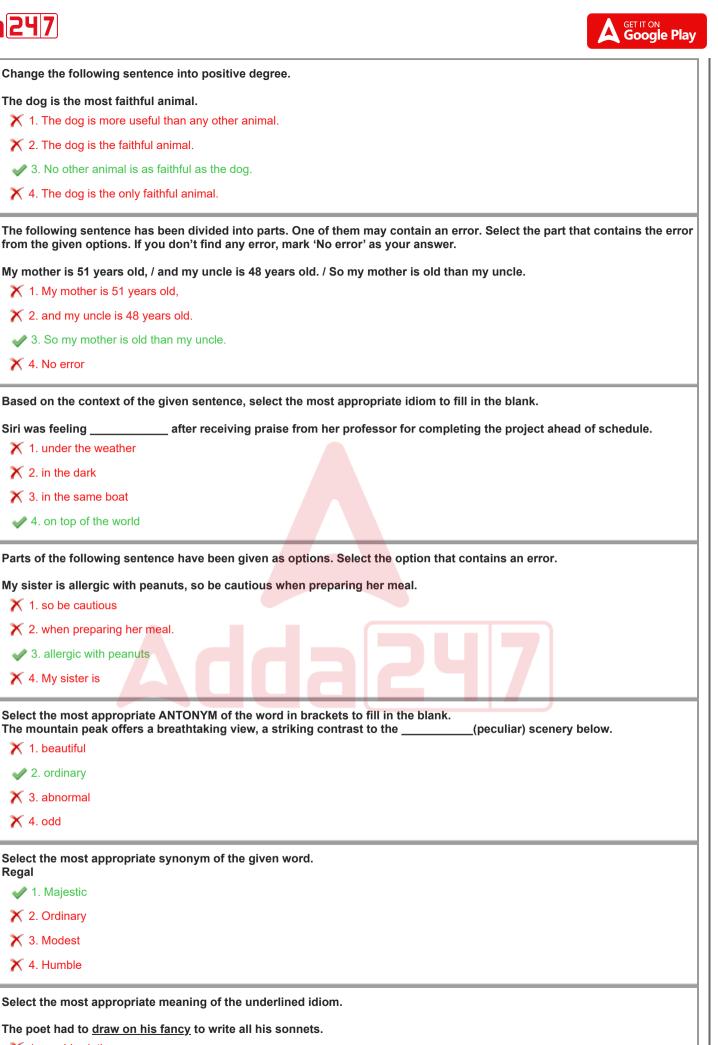
Q.6

Ans

Q.7

Ans

Q.8



X 1. use his clothes Ans

🗙 4. odd

Regal

- 🗙 2. use his memory
- 3. use his imagination
- X 4. use his money



Q.9	Select the most appropriate ANTONYM of the word 'opacity' in the given sentence.
	The diminishing and deteriorating visibility in winter leads to the revival of accident cases on the highway.
Ans	1. visibility
	🗙 2. diminishing
	🗙 3. revival
	X 4. deteriorating
Q.10	Select the option that rectifies the INCORRECTLY spelt word in the given sentence.
	She tried not to embarras her friend by bringing up the awkward incident at the party.
Ans	X 1. embarress
	X 2. emberrass
	X 3. embarass
	V 4. embarrass
Q.11	Parts of the following sentence have been given as options. Select the option that contains an error.
	Shyam approached an leading psychologist for his treatment of anxiety and depression.
Ans	X 1. for his treatment
	X 2. of anxiety and depression.
	✓ 3. an leading psychologist
	X 4. Shyam approached
Q.12	The following sentence has been split into four seg <mark>ment</mark> s. Ident <mark>ify th</mark> e segment that contains a grammatical error. Our team lost the game / only because of / a mistake / with one of our players.
Ans	X 1. Our team lost the game
	✓ 2. with one of our players
	X 3. only because of
	X 4. a mistake
Q.13	Select the most appropriate option to substitute the underlined segment in the given sentence.
	Ramgopal <u>is having</u> a very big house in Mumbai.
Ans	🗙 1. having
	X 2. have
	V 3. has
	X 4. were having
Q.14	Select the most appropriate option to fill in the blank.
	Her presentation was both informative and
Ans	X 1. entertainer
	X 2. entertain
	X 3. entertainingly
	✓ 4. entertaining
Q.15	Select the most appropriate article to fill in the blank. Select 'no article' if no article is required. The doctor asked the patient to have MRI scan of his brain.
Ans	✓ 1. an
	🗙 2. a
	X 3. no article
	X 4. the



Q.16	In the following sentence the underlined part contains as error. Alternatives to the underlined part are given as options. Select the correct alternative. They had a <u>least</u> celebration on her birthday.
Ans	X 1. less
	X 2. most less
	 ✓ 3. little
	X 4. lesser
Q.17	Select the option that can be used as a one-word substitute for the given phrase. A person who does not believe in the institution of marriage
Ans	🗙 1. Nihilist
	🛹 2. Misogamist
	🗙 3. Masochist
	X 4. Misogynist
Q.18	Select the most appropriate meaning of the underlined word. The <u>board</u> will look into the matter.
Ans	X 1. A union of workers
	X 2. A member of a family
	✓ 3. A group of members of a company
	X 4. A group of elected politicians
Q.19	Select the INCORRECTLY spelt word.
Ans	X 1. Unnecessary
	X 2. Argument
	X 3. Misinterpret
	✓ 4. Exagerate
Q.20	Select the INCORRECTLY spelt word. A) Occasion B) Privilege C) Bizzare D) Definitely
Ans	✓ 1.C
	X 2. A
	X 3. B
	X 4. D
	Comprehension:
	In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.
	Speaking is a powerful tool (1) human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2) not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3) a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4) it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5) clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.
	SubQuestion No : 21
Q.21	Select the most appropriate option to fill in blank number 1.
Ans	X 1. at
	🗙 2. on
	✓ 3. for
	\mathbf{X} 4. with



Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Speaking is a powerful tool (1)_ human communication. It allows us to convey thoughts, emotions and ideas to others. not only the words we choose but also our tone, body language and overall presentation. Public Effective speaking (2) speaking, in particular, can be (3) a skill and an art, enabling individuals to inspire, educate and persuade audiences. it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5) (4) clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives. SubQuestion No: 22 Q.22 Select the most appropriate option to fill in blank number 2. Ans 1. involves 🗙 2. involve 🗙 3. involving X 4. involved Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Speaking is a powerful tool (1)___ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2) not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3) _____ a skill and an art, enabling individuals to inspire, educate and persuade audiences. it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5) (4) clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives. SubQuestion No : 23 Q.23 Select the most appropriate option to fill in blank number 3. Ans 🗙 1. and 2. both 🗙 3. until 🗙 4. though Comprehension: In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank. Speaking is a powerful tool (1) human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2) not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3) a skill and an art, enabling individuals to inspire, educate and persuade audiences. it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5) (4) clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives. SubQuestion No: 24 Q.24 Select the most appropriate option to fill in blank number 4. Ans 🗙 1. Neither X 2. Whereas 🗙 3. Because 4. Whether



Comprehension:

In the following passage, some words have been deleted. Read the passage carefully and select the most appropriate option to fill in each blank.

Speaking is a powerful tool (1)______ human communication. It allows us to convey thoughts, emotions and ideas to others. Effective speaking (2)______ not only the words we choose but also our tone, body language and overall presentation. Public speaking, in particular, can be (3)______ a skill and an art, enabling individuals to inspire, educate and persuade audiences. (4)______ it is a casual conversation with a friend or a formal presentation to a large group, the ability to express (5)______ clearly and confidently through speaking is a valuable skill that can greatly impact our personal and professional lives.

SubQuestion No: 25

Q.25 Select the most appropriate option to fill in blank number 5.

Ans 🛛 🗙 1. itself

2. ourselves

X 3. themselves

🗙 4. herself

